

Converting Colors

XYZ(8.2076, 11.1271, 14.6823)

Have a look what the booklet for
XYZ(8.2076, 11.1271, 14.6823)
contains.

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Color

**XYZ(8.2634, 11.1714,
14.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	296768
RGB	41, 103, 104
RGB Percent	16%, 40%, 41%
CMY	0.8392, 0.5961, 0.5922
CMYK	0.61, 0.01, 0.00, 0.59
HSL	181°, 43%, 28%
HSV	181°, 61%, 41%
XYZ	8.2634, 11.1714, 14.8175
YIQ	84.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

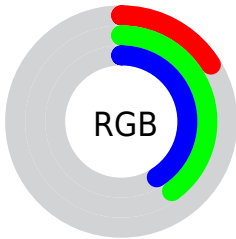
Format	Color
R _{YB}	41, 72, 104
Decimal	2713448
CIE Lab	39.87, -19.31, -6.55
CIE LCh	40, 20.388, 198.738
Yxy	11.1714, 0.2413, 0.3262
Android (android.graphics.Color)	4280903528 (0xFF296768)
YUV	84.5760, 9.5760, -38.2162
Hunter-Lab	33.4236, -14.3604, -2.8881




Details

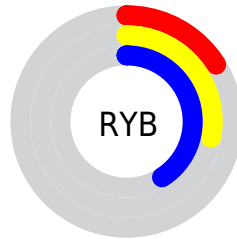
The XYZ color **8.2634, 11.1714, 14.8175** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.9374, 4.7593, 2.6511**, and the grayscale version is **8.5328, 8.9771, 9.7761**.




A 20% lighter version of the original color is **22.0881, 27.8574, 35.2232**, and **2.1527, 3.1238, 4.3604** is the 20% darker color. If you saturate the color by 10%, you get **7.8860, 10.9527, 14.7954**, and if you desaturate by 10%, it is **8.7512, 11.4475, 14.8453**.

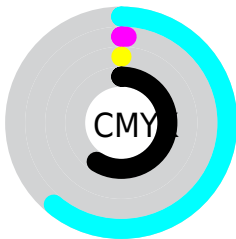
Distribution







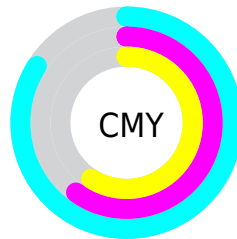
-  Red (16%)
-  Green (40%)
-  Blue (41%)






-  Red (16%)
-  Yellow (28%)
-  Blue (41%)



-  Cyan (61%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.2634, 11.1714, 14.8175 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 8.2634, 11.1714, 14.8175 by changing the saturation by 10% instead.

8.2634, 11.1714,
14.8175

8.2634, 11.1714,
14.8175

172.1097,
198.8397, 233.8615

4.3172, 6.1822,
8.5462

22.1537, 27.9767,
35.2705

1.8831, 2.9562,
4.3536

32.8285, 40.5616,
50.2892

0.5670, 1.1089,
1.8213

46.4769, 56.4472,
69.0609

0.0000, 0.0000,
0.4419

63.4642, 76.0179,
92.0040

0.0000, 0.0000,
0.0000

84.1558, 99.6581,
119.5370

108.9170,

127.7523, 152.0786

138.1132,
160.6846, 190.0473

■ 8.2634, 11.1714,
14.8175

■ 8.2634, 11.1714,
14.8175

■ 7.8860, 10.9527,
14.7954

■ 8.7512, 11.4475,
14.8453

■ 7.6091, 10.7857,
14.7777

■ 9.3563, 11.7839,
14.8783

■ 7.4228, 10.6655,
14.7643

■ 10.0862, 12.1846,
14.9172

■ 7.2847, 10.5715,
14.7535

■ 10.9474, 12.6531,
14.9622

■ 11.9462, 13.1926,
15.0137

■ 13.0881, 13.8059,
15.0719

■ 14.3787, 14.4959,
15.1371

■ 15.8231, 15.2652,
15.2094

■ 17.4262, 16.1164,
15.2892

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8.1866, 11.1714, 10.7168



8.2634, 11.1714, 14.8175



8.9369, 11.1714, 18.9425

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8.2634, 11.1714, 14.8175



12.7771, 11.1714, 18.0018



11.1535, 11.1714, 6.0524

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8.2634, 11.1714, 14.8175



6.9374, 4.7593, 2.6511

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.4979, 11.1714, 7.2325



8.2634, 11.1714, 14.8175



13.4888, 11.1714, 13.7354

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8.2634, 11.1714, 14.8175



11.5082, 11.1714, 21.0422



13.3823, 11.1714, 9.8474



9.7751, 11.1714, 6.2175

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8.2634, 11.1714, 14.8175



9.6698, 11.1714, 20.8750



13.3823, 11.1714, 9.8474



11.6264, 11.1714, 6.2922

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8.2637, 11.1718, 14.8178



19.5481, 22.3838, 26.2673



6.2653, 10.5324, 3.8009



4.6792, 5.4123, 6.4039



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.2637, 11.1718, 14.8178



13.5964, 19.0733, 25.9420



5.7633, 6.1709, 13.9843



2.9001, 3.1781, 3.5926



8.9775, 13.0267, 18.1856



46.7581, 67.8129, 94.8262

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8.9503, 5.5085, 13.4239



14.9359, 8.1647, 23.1917



8.4593, 7.8031, 3.1584



2.9341, 2.8883, 3.5255



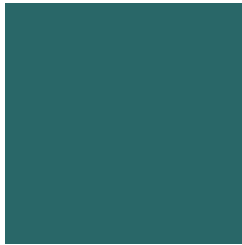
10.0141, 4.8186, 16.0045



52.1965, 25.1186, 83.3010

Previews

White Background



This preview shows how the XYZ color 8.2634, 11.1714, 14.8175 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 8.2634, 11.1714, 14.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

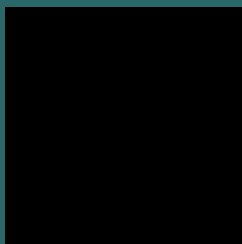
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

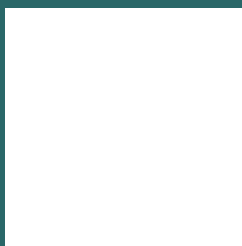
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.2634, 11.1714, 14.8175

Background



This preview shows how black text looks on a background with the XYZ color 8.2634, 11.1714, 14.8175.



This preview shows how white text looks on a background with the XYZ color 8.2634, 11.1714,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

8.2634, 11.1714, 14.8175

Protanopia

10.7350, 11.0902, 13.1301

Deuteranopia

11.2188, 11.0305, 15.4477



Tritanopia

8.6045, 11.1640, 16.4532

Trichromacy



Original Color

8.2634, 11.1714, 14.8175

Protanomaly

9.4766, 10.9653, 13.6736

Deuteranomaly

9.6742, 10.7615, 15.2030

Tritanomaly

8.4544, 11.0990, 15.8841

Monochromacy



Original Color

8.2634, 11.1714, 14.8175

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.2132, 9.6922, 11.5631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2634, 11.1714, 14.8175 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(41, 103, 104)` looks like.

```
.text, #text, p{  
    color:rgb(41, 103, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(41, 103, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 103, 104) }
```

Border

The CSS property to change the border of an element to XYZ 8.2634, 11.1714, 14.8175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 103, 104) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(41, 103, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(41, 103, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 103, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 103, 104);  
box-shadow:4px 4px 4px 4px rgb(41, 103,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 8.2634, 11.1714, 14.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 103, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(41, 103,  
104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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